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ABSTRACT

Science/Technology/Society (STS) is widely recognized as a major reform effort as correctives are sought around the globe to attain scientific literacy for all. The focus of this book is on STS offered as reform. The efforts during the decade from 1984-1994 have resulted in research that can be used to affect practices while also assuring that STS deserves the designation of reform effort. The book is organized into five parts. Part 1, "STS as a Reform Movement in Science Education," is an elaboration of the meaning of STS and its ties to constructivism. Part 2, "What an STS Approach Can Accomplish," includes chapters which summarize research from classroom practices with STS. Part 3, "What the STS Approach Demands," deals with implications from the research which reveals what is needed if STS is to succeed. Part 4, "STS Initiatives outside the United States," relates efforts in the United States to those underway in the international arena, while Part 5, "Supporting the STS Reform," provides information about lasting STS reform and indicates something of the future promise. (JRH)

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